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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,728	09/19/2003	Jennifer Amys	1640.001US1	6050
21186 7590 03/01/2011 SCHWEGMAN, LUNDBERG & WOESSNER, P.A. P.O. BOX 2938 MINNEAPOLIS, MN 55402				
EXAMINER ADAMS, CHARLES D				
ART UNIT		PAPER NUMBER		
2164				
NOTIFICATION DATE		DELIVERY MODE		
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/666,728

Applicant(s)

AMYS ET AL.

Examiner

CHARLES D. ADAMS

Art Unit

2164

Period for Reply
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 December 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-912)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Remarks

1. In response to communications filed on 29 November 2010, claims 1 and 3 are amended. Claims 1 and 3 are pending in the application.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1 and 3 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1 and 3 recite the limitation "lifecycle identifiers." There is insufficient antecedent basis for this limitation in the claim.

Claims 1 and 3 recite the pronoun "their" in the limitation "within the archive database ... associated with their respective life cycle identifiers." The use of the pronoun 'their' makes it unclear exactly what element is being referred to.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gibson (WO 02/05230) in view of Bata (US Pre-Grant Publication 2003/0097364).

As to claim 1, Gibson teaches a method comprising:

receiving, from two or more different software systems, copies of electronic data relating to a transaction involving documentation communicated in an electronic form (see Abstract and 11:19-12:23. Copies of merchant orders are sent to a transaction processing system), wherein:

the received electronic data relating to the transaction is produced by the two or more different software systems from which the electronic data is received (see Abstract and 11:19-12:23. There may be multiple merchant sites); and

the copies of the electronic data received in a system performing the method which is not one of the systems from which the data is received and is received only for the purpose of maintaining a central archive repository of e-commerce activity documentation of e-commerce activity (see Abstract and 11:19-12:23. The transaction processing system does not itself produce merchant orders);

processing copies of the electronic data to identify electronic documentation items and further processing copies of the electronic data to identify at least one key value associated with an electronic documentation item received from one of the at least two different software systems, wherein the at least one key value includes a key value that identifies the transaction in the software system the electronic documentation item is received from (see Abstract and 11:19-12:23. The transaction reference number

contains data uniquely identifying the merchant site and a unique order number in the merchant's system);

using the at least one key value to look up, in a life cycle index table that contains key values of the processed transactions, a unique transaction identifier associated with the transaction on a system performing the method, wherein within the lifecycle index table the transaction includes one unique transaction identifier and two or more associated key values, wherein each key value is a key value used to identify the transaction within one of the two or more different software systems from which the electronic data relating to the transaction was received (see 11:19-13:3. The transaction processing system looks up a transaction record reference, which is "sequentially unrelated to the TRN and uniquely identifies the order within the transaction processing system." The transaction itself has one unique transaction identifier TRN, along with other key values used to identify the transaction in the merchant system, such as the URL, the value of the order, transaction details, name of customer and account address, a customer e-mail address, and a delivery address for the goods. Also see 18:6-19:2. The order information, including the TRN, are stored in a local database at the transaction processing site);

indexing the documentation items in the life cycle index table according to the at least one key value and transaction identifier (see 11:19-13:3. The transaction is indexed in the transaction processing system. Also see 18:6-19:2, which indicates how the transaction is stored in a local database);

archiving the documentation items in an archive database stored within a data storage system or device, the archiving including storing the documentation items within the archive database on the data storage system or device associated with their respective life cycle identifiers (see 11:19-13:3 and 18:6-19:2);

logging, in a log detail database, one or more of a date and time associated with at least some of the documentation items to provide a chronological order to transactions (see 5:13-23 and 12:33-13:3. The system determines how much time a user has to confirm a transaction. This provides a chronological order because it indicates a chronological order of the steps that must be taken to complete the transaction, and when those steps must be taken), and

wherein all documentation items relating to a transaction are retrievable using one of the key values of the two or more different software systems from which the electronic data relating to the transaction was received (see 12:33-13:17. The transactions are retrievable using the TRN).

Gibson does not teach:

processing copies of the electronic data to identify electronic documentation items by document type according to one or more transaction types identified in a transaction specification database;

Bata teaches:

processing copies of the electronic data to identify electronic documentation items by document type according to one or more transaction types identified in a transaction specification database (see paragraphs [0053] and [0054])

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Gibson by the teachings of Bata, because Bata provides Gibson the benefit of the ability to receive data in the form of transaction documents from disparate data systems, convert the data, and store it in a unified tabular storage system (see paragraph [0014]-[0015]).

As to claim 3, Gibson teaches a system comprising:

operatively couple the computer via a first interface with a first external system producing first electronic data relating to a transaction involving documentation communicated in an electronic form, wherein the first electronic data includes at least a first key value, the first key value identifying the transaction within the first external system, wherein the first electronic data is a copy of the first electronic data and is received for purposes of maintaining an archive of transaction data (see 11:19-12:23);

operative couple the computer via a second interface with a second external system producing second electronic data relating to the transaction, wherein the second electronic data includes at least a second key value, the second key value identifying the transaction within the second external system, wherein the second electronic data is a copy of the second electronic data and is received for purposes of maintaining an archive of transaction data (see Abstract and 11:19-12:23); and

process copies of the first and second electronic data to identify electronic documentation items and further processing copies of the first and second electronic

data to identify at least one key value associated with an electronic documentation item (see 11:19-12:23);

use the key value to look up, in a life cycle index table that contains key values of processed transactions, a unique transaction identifier associated with the transaction (see 11:19-12:23 and 12:24-12:32. Also see 18:6-19:2);

index the documentation items in the life cycle index table according to key value and unique transaction identifier (see 11:19-12:23 and 12:24-12:32. Also see 18:6-19:2);

archive the documentation items in an archive database, the archiving including storing the documentation items within the archive database associated with their respective life cycle identifiers (see 11:19-12:23. Also see 18:6-19:2); and

log, in a log detail database, one or more of a date and time associated with at least some of the documentation items to provide a chronological order to transactions (see 5:13-23 and 12:33-13:3).

Gibson does not teach:

process copies of the first and second electronic data to identify electronic documentation items by document type according to one or more transaction types identified in a transaction specification database;

Bata teaches:

process copies of the first and second electronic data to identify electronic documentation items by document type according to one or more transaction types identified in a transaction specification database (see paragraphs [0053] and [0054]);

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Gibson by the teachings of Bata, because Bata provides Gibson the benefit of the ability to receive data in the form of transaction documents from disparate data systems, convert the data, and store it in a unified tabular storage system (see paragraph [0014]-[0015]).

Response to Arguments

6. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHARLES D. ADAMS whose telephone number is (571)272-3938. The examiner can normally be reached on 8:30 AM - 5:00 PM, M - F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/C. D. A./
Examiner, Art Unit 2164

/Charles Rones/
Supervisory Patent Examiner, Art Unit 2164